LAN-TO-LAN VOIP SYSTEM AND RE-LATED USER INTERFACE

Abstract

A LAN-to-LAN VoIP system and related user interface. The VoIP system comprises a first LAN and a second LAN. The first LAN comprises a first local telephone system, a first communication module, a first IP-based extension, and a first host. The second LAN comprises a second local telephone system, a second communication module, a second IP-based extension, and a second host. Each communication module connects each local telephone systems to the Internet through a respective dynamic IP address, each IP-based extension is connected to the Internet through another dynamic IP address, and each host is connected to the Internet through a respective static IP address. Each IP-based extension can dial to the local telephone system directly in the same LAN or dial to the host followed by the local telephone systems across LAN. The user interface, used in each IP-based extension, comprises a first functional key for dialing to the trunk lines of the first local telephone system and a second functional key for dialing to the trunk lines of the second local telephone system.